![Minnesota Amateur Radio Technical Society logo]

http://www.mn-arts.org/

January 2019 Edition

January Meeting Minutes

Russ Ramirez, K0WFS, called the meeting to order at 1 PM. 21 members were present.

- Introductions made around the table.

- The December 2018 Minutes were approved.

- Paul Bushouse, N0TYE, reports that there is $2156.86 in the checking account. $500 was sent to the ARRL for the Paul Bitner memorial. $60 was paid to the Minnetonka Community Center for the room. Insurance is coming due.

Old Business:

The April 2019 Build-a-thon was discussed. Russ Ramirez plans to have a Field Strength Meter kit available. He plans on predrilling the case to ease assembly.
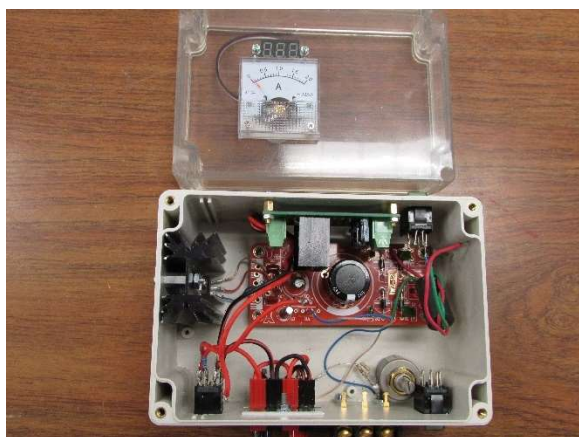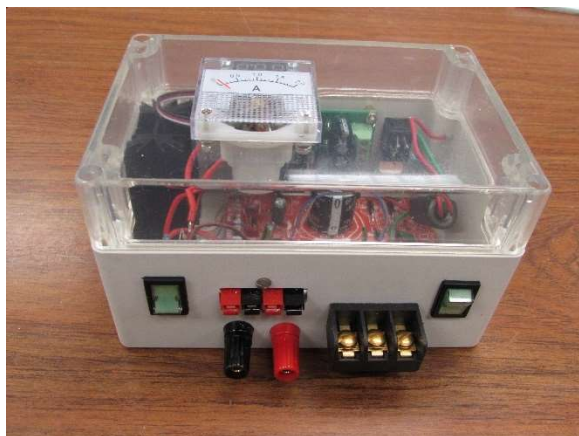
New Business:

Elections were held for the positions of VP, Treasurer and Board Member At Large. Jeremy Moody, Paul Bushouse and Bob Liesenfeld agreed to continue in their respective positions. They were unanimously reelected.
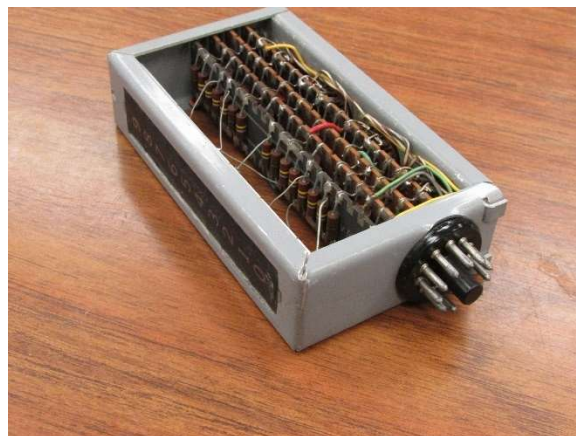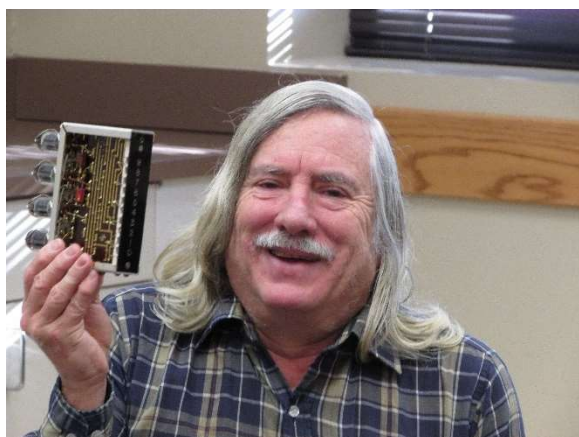
Show and Tell:

Craig Siegenthaler, W0BGO, brought in an adjustable power supply. It accommodates a 28V input. He also brought in a number of items for any members who might be able to put them to use.
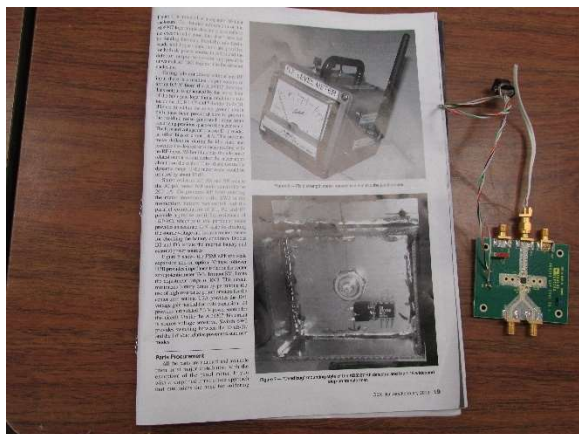
Tim Burd, WD9IGX, showed us a tube decade counter he is in the process of restoring. There are a number of 39 pf caps that need to be replaced.
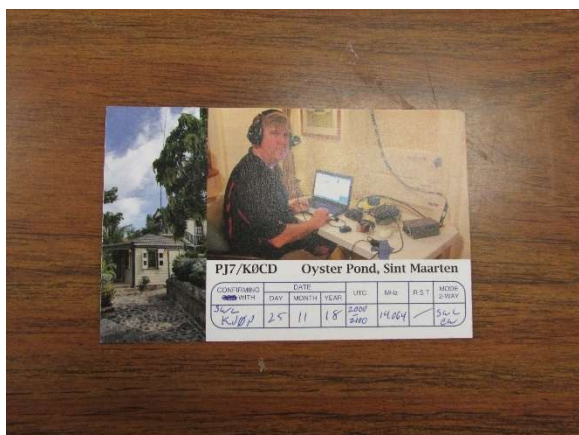
John Krawczak, KJ0P, brought in a Field Strength Meter based on a recent QEX article. It is based on an Analog Devices amplifier. John showed us a prototype using his Fusion hand held and a DVM. John also gave us his impression of the Fusion system.

Philip Schweitzer, K0CD, gave us an update on his DX trip to Sint Maarten. He used a Yaesu 817, BLT tuner and a vertical antenna. He shared some of the QSL cards he received.

Mike Burk, KD0JXE, brought in a frequency counter for anyone that might be able to put it to use.

Mert Nellis, W0UFO, showed us his PIC voltmeter which he updated to read watts. He also brought in a number of items he had built and gave us an update on setting up his new QTH.
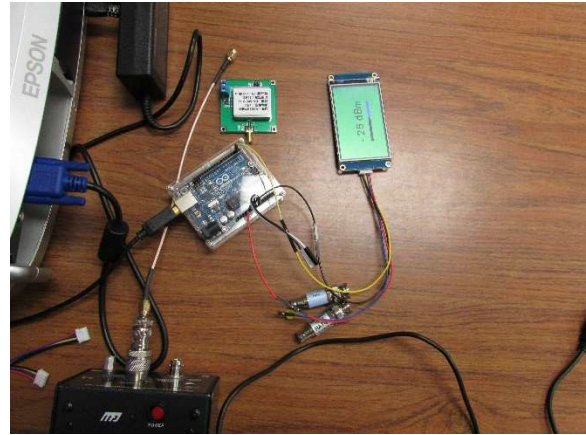

January Presentation

Russ Ramirez, K0WFS, gave us a presentation on Nextion LCD Touch Screen Displays. Russ explained that they have a 32 bit CPU on the display board and that they come in sizes from 2.4" to 7". They require a 9600 baud serial link and will work with about any controller. Russ showed us how he interfaced an AD8307 power module

with a Raspberry Pi and the Nextion display.

Russ also showed us the IDE which is easy to use and free.

Great presentation!! Thank you.

Submitted by: Steve Ulrich/NW0C

_____

Club Officers:

President:	*Russ Ramirez/K0WFS*	*russ.ramirez@gmail.com*
Vice Pres:	*Jeremy Mooney/KC0LDI*	*kc0ldi@qux.net*
Secretary:	*Steve Ulrich/NW0C*	*ulrichs@comcast.net*
Treasurer:	*Paul Bushouse/N0TYE*	*p-bushouse@bethel.edu*
At Large:	*Bob Liesenfeld/WB0POQ*	*wb0poq@visi.com*